

## EAST Search History

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S19<br>6 | 46 | clean same room same grinder                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 12:55 |
| S19<br>7 | 0  | plasma same treating same<br>microenvironment      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 12:56 |
| S19<br>8 | 1  | plasma same treating same<br>microenvironment      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:02 |
| S19<br>9 | 2  | plasma same treating same "clean<br>room"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 12:59 |
| S20<br>0 | 0  | plasma same treating same<br>micro-environment     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:02 |
| S20<br>1 | 0  | tacky same rolls same<br>micro-environment         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:04 |
| S20<br>2 | 0  | tacky same rolls same<br>microenvironment          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:04 |
| S20<br>3 | 2  | tacky same rolls same "clean room"                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:05 |
| S20<br>4 | 0  | electrically same priming same "clean<br>room"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:05 |
| S20<br>5 | 0  | electrically same priming same<br>microenvironment | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:06 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S20<br>6 | 0   | electrically same priming same micro-environment | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:06 |
| S20<br>7 | 0   | corona same treating same micro-environment      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:06 |
| S20<br>8 | 0   | corona same treating same microenvironment       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:06 |
| S20<br>9 | 1   | corona same treating same "clean room"           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:07 |
| S21<br>0 | 182 | corona-treating                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:23 |
| S21<br>1 | 0   | slitting same microenvironment                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:24 |
| S21<br>2 | 0   | slitting same micro-environment                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:24 |
| S21<br>3 | 11  | slitting same clean same room                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 13:34 |
| S21<br>4 | 377 | cutting same clean same room                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:12 |
| S21<br>5 | 29  | splitting same clean same room                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:14 |

## EAST Search History

|          |    |                                   |   |    |    |                  |
|----------|----|-----------------------------------|---|----|----|------------------|
| S21<br>6 | 4  | splitting same microenvironment   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:15 |
| S21<br>7 | 0  | splitting same micro-environment  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:16 |
| S21<br>8 | 3  | cutting same micro-environment    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:16 |
| S21<br>9 | 7  | cutting same microenvironment     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:20 |
| S22<br>0 | 1  | stripping same microenvironment   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 15:14 |
| S22<br>1 | 0  | laminating same microenvironment  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:35 |
| S22<br>2 | 3  | laminating same micro-environment | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:37 |
| S22<br>3 | 0  | stretching same micro-environment | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:37 |
| S22<br>4 | 13 | stretching same microenvironment  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:39 |
| S22<br>5 | 0  | orienting same microenvironment   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:41 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S22<br>6 | 9  | folding same microenvironment           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:41 |
| S22<br>7 | 0  | corrugating same microenvironment       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:41 |
| S22<br>8 | 0  | orienting same micro-environment        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:41 |
| S22<br>9 | 8  | folding same micro-environment          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:43 |
| S23<br>0 | 0  | corrugating same micro-environment      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:43 |
| S23<br>1 | 0  | corrugating same microenvironment       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:44 |
| S23<br>2 | 0  | thermoforming same<br>microenvironment  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:44 |
| S23<br>3 | 0  | thermoforming same<br>micro-environment | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:44 |
| S23<br>4 | 6  | masking same micro-environment          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:45 |
| S23<br>5 | 13 | masking same microenvironment           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:45 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S23<br>6 | 0  | demasking same micro-environment            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:46 |
| S23<br>7 | 0  | demasking same microenvironment             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:46 |
| S23<br>8 | 0  | de-masking same microenvironment            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:46 |
| S23<br>9 | 0  | de-masking same micro-environment           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:46 |
| S24<br>0 | 0  | vapor same coat\$ same<br>micro-environment | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:46 |
| S24<br>1 | 2  | vapor same coat\$ same<br>microenvironment  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:47 |
| S24<br>2 | 40 | heating same microenvironment               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:59 |
| S24<br>3 | 23 | heating same micro-environment              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 14:59 |
| S24<br>4 | 1  | "20030068837" and mm                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 15:14 |
| S24<br>5 | 3  | "6,553,689".pn.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/19 15:46 |

## EAST Search History

| Ref # | Hits | Search Query                        | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------------------------|----------|------------------|---------|------------------|
| L8    | 4    | (web same close same particle).clm. | US-PGPUB | OR               | ON      | 2006/04/20 07:29 |